

## **JOINT DECLARATION FOR PATENT APPLICATION**

As below-named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our respective names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled LOW NO<sub>x</sub> EMISSIONS, LOW NOISE BURNER ASSEMBLY AND METHOD FOR REDUCING THE NO<sub>x</sub> CONTENT OF FURNACE FLUE GAS, the specification of which was filed on February 12, 2001 as Application Serial No. 09/781,817.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. NONE

Prior Foreign Application Number	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed? Y/N	Certified Copy Attached? Y/N
NONE				

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

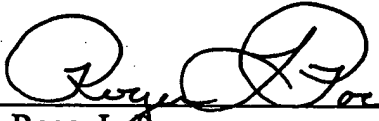
Application Number(s)	Filing Date (MM/DD/YYYY)
60/184,615	February 24, 2000

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:


Application Number(s)	Filing Date (MM/DD/YYYY)
NONE	

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and to file and prosecute any corresponding foreign applications, including any international applications under the Patent Cooperation Treaty or the European Patent Convention: William B. Kircher, Reg. No. 22,481; James H. Marsh, Jr., Reg. No. 24,533; J. David Wharton, Reg. No. 25,717; Joseph B. Bowman, Reg. No. 25,807; Peter W. Gowdey, Reg. No. 25,872; Richard R. Johnson, Reg. No. 27,452; Walter R. Brookhart, Reg. No. 29,518; James H. Riley, II, Reg. No. 31,131; Joan Optican Herman, Reg. No. 31,968; Michael B. Hurd, Reg. No. 32,241; Michael J. Gross, Reg. No. 35,528; William P. Jensen, Reg. No. 36,833; Chris Murphy, Reg. No. 39,786; Daniel W. Shinn, Reg. No. 40,810; B. Trent Webb, Reg. No. 40,865; Susan J. Wharton, Reg. No. 41,524; Scott B. Strohm, Reg. No. 42,172; Janine A. Carlan, Reg. No. 42,387; Clinton G. Newton, Reg. No. 42,930; Ladi Shogbamimu, Reg. No. 46,291; and Dennis Danella, Reg. No. 46,653. Address all correspondence to: James H. Marsh, Jr., SHOOK, HARDY & BACON L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, Missouri 64105-2118, telephone number (816) 474-6550.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature:  04-10-01  
Roger L. Doe Date

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Inventor's signature:  4-11-01  
Jalwant D. Jayakaran Date

Residence: Tulsa, Tulsa County, Oklahoma 74137  
Citizenship: USA  
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Inventor's signature: Carol A. Schnepfer 4/11/01  
Carol A. Schnepfer Date

Residence: Tulsa, Tulsa County, Oklahoma 74105  
Citizenship: USA  
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Tulsa, Oklahoma 74105



This copy is intended for the  
attached Divisional Patent  
Application submitted herewith.

**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 11, 2001

PTAS

SHOOK, HARDY & BACON L.L.P.  
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1200 MAIN STREET  
KANSAS CITY, MO 64105-2118



\*101696584A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/23/2001

REEL/FRAME: 011730/0352  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
POE, ROGER L.

DOC DATE: 04/11/2001

ASSIGNOR:  
JAYAKARAN, JAIWANT D.

DOC DATE: 04/11/2001

ASSIGNOR:  
SCHNEPPER, CAROL A.

DOC DATE: 04/11/2001

ASSIGNEE:  
JOHN ZINK COMPANY, LLC  
11920 EAST APACHE  
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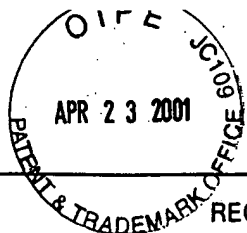
SERIAL NUMBER: 09781817  
PATENT NUMBER:

FILING DATE: 02/12/2001  
ISSUE DATE:

FILED 70078  
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011730/0352 PAGE 2

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



05-01-2001



orney Docket No. KOCH.70078

FORM PTO-1595

101696584  
RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPT. OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Roger L. Poe, Jaiwant D. Jayakaran and Carol A. Schnepfer

Additional name(s) of conveying party(ies) attached?  
☐ Yes ☐ No

2. Name and address of receiving party(ies):

Name: John Zink Company, LLC

Internal Address:

Street Address: 11920 East Apache

City: Tulsa

State: Oklahoma

Zip: 74121-1220

Additional name(s) & address(es) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: April 11, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_

A. Patent Application No.(s): 09/781,817

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James H. Marsh, Jr.

Internal Address: Shook, Hardy & Bacon L.L.P.  
One Kansas City Place

Street Address: 1200 Main Street

City: Kansas City

State: Missouri

Zip: 64105-2118

6. Total number of applications and patents involved: 1 .....

7. Total fee (37 CFR 3.41) ..... \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account No.: 19-2112

(Attach duplicate copy of this page if paying by deposit account)

04/30/2001 TDI A21 00000060 09781817

01 FC:564 40.00.00

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Name of person signing James H. Marsh, Jr.

Signature

James H. Marsh, Jr. Date 4/18/01

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Box Assignments, Under Secretary of Commerce for Intellectual Property  
and Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

## **ASSIGNMENT**

WHEREAS, we, Roger L. Poe, of P.O. Box 718, Beggs, in the County of Tulsa, and State of Oklahoma 74421, Jaiwant D. Jayakaran, of 2812 E. 102nd Place, Tulsa in the County of Tulsa, and State of Oklahoma 74137, and Carol A. Schnepfer, of 1634 E. 35th Street, Tulsa, in the County of Tulsa, and State of Oklahoma 74105, have invented certain new and useful improvements in

LOW NO<sub>x</sub> EMISSIONS, LOW NOISE BURNER ASSEMBLY

AND METHOD FOR REDUCING THE NO<sub>x</sub> CONTENT OF FURNACE FLUE GAS

for which we are about to make application for Letters Patent of the United States; and

WHEREAS, John Zink Company, LLC, a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 11920 East Apache, Tulsa, County of Tulsa, and State of Oklahoma, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Roger L. Poe, Jaiwant D. Jayakaran and Carol A. Schnepfer, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said John Zink Company, LLC the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the specification prepared and executed by us on even date herewith preparatory to obtaining Letters Patent of the United States therefor; in, to and under said application; in, to and under any and all refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations; in, to and under any and all reissues of

States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said John Zink Company, LLC for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 11 day of APRIL, 2001.

  
\_\_\_\_\_  
ROGER L. GOE

  
\_\_\_\_\_  
JAIWANT D. JAYAKARAN

  
\_\_\_\_\_  
CAROL A. SCHNEPPER